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Today's Date: 10/12/2001

DB Name	<u>Query</u>	Hit Count	Set Name
USPT	15 and pyrimidin\$.clm.	21	<u>L10</u>
USPT	15 pyrimidin\$	60	<u>L9</u>
USPT	l6 and l2.clm.	13	<u>L8</u>
USPT	16 and 12	57	<u>L7</u>
USPT	((514/378)!.CCLS.)	504	<u>L6</u>
USPT	14 and 12.ti.	90	<u>L5</u>
USPT	13 and 12.clm.	249	<u>L4</u>
USPT	12 and 11	811	<u>L3</u>
USPT	antivir\$ or hiv or hepatitis or herpes\$	31713	<u>L2</u>
USPT	((514/256  514/257  514/258  514/259  514/260  514/261  514/262  514/263  514/264  514/265  514/266  514/267  514/268  514/269  514/270  514/271  514/272  514/273  514/274  514/275  514/276 )!.CCLS.)	5499	<u>L1</u>

## (FILE 'HOME' ENTERED AT 13:22:37 ON 12 OCT 2001)

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FILE 'REGISTRY' ENTERED AT 13:22:50 ON 12 OCT 2001
L1
             0 S HWA486
L2
             1 S HWA 486
             0 S A771726
L3
L4
            0 S A 771726
L5
             1 S 771726
             1 S L5
L6
L7
            0 S TRIFLUOROMETHYLPHENYL HYDROXYCROTONAMIDE
\Gamma8
           3 S LEFLUNOMIDE
    FILE 'CAPLUS, MEDLINE' ENTERED AT 13:29:00 ON 12 OCT 2001
L9
           645 S L2
L10
        253996 S HEPATITIS OR HERPES? OR HSV OR CMV OR RHINOVIR? OR MEALS
L11
            19 S L10 AND L9
L12
            17 DUPLICATE REMOVE L11 (2 DUPLICATES REMOVED)
L13
            12 S TRIFLUOROMETHYLPHENYL (S) CYANO (S) HYDROXYCROTONAMIDE
            51 S A771726
L14
            2 S L14 AND L10
L15
L16
    793 S LEFLUNOMIDE
=> s 116 and 110
           20 L16 AND L10
=> s l17 not l11
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L17

L18 2 L17 NOT L11

=> d ibib abs 1-2

## (FILE 'HOME' ENTERED AT 13:22:37 ON 12 OCT 2001)

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FILE 'REGISTRY' ENTERED AT 13:22:50 ON 12 OCT 2001
L1
             0 S HWA486
L2
             1 S HWA 486
             0 S A771726
L3
L4
           0 S A 771726
L5
            1 S 771726
L6
            1 S L5
L7
            0 S TRIFLUOROMETHYLPHENYL HYDROXYCROTONAMIDE
L8
           3 S LEFLUNOMIDE
    FILE 'CAPLUS, MEDLINE' ENTERED AT 13:29:00 ON 12 OCT 2001
L9
           645 S L2
L10
        253996 S HEPATITIS OR HERPES? OR HSV OR CMV OR RHINOVIR? OR MEALS
L11
            19 S L10 AND L9
L12
            17 DUPLICATE REMOVE L11 (2 DUPLICATES REMOVED)
L13
            12 S TRIFLUOROMETHYLPHENYL (S) CYANO (S) HYDROXYCROTONAMIDE
L14
           51 S A771726
L15
          2 S L14 AND L10
L16 793 S LEFLUNOMIDE
=> s 116 and 110
L17
           20 L16 AND L10
=> s 117 not 111 '
L18
           2 L17 NOT L11
```

=> d ibib abs 1-2

L11 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2001 ACS ACCESSION NUMBER: 1990:418743 CAPLUS

DOCUMENT NUMBER: 113:18743

TITLE: Induction of interleukin-1 .alpha.

and .beta. gene transcription in mouse

peritoneal exudate cells after intraperitoneal

infection with herpes simplex virus-1

AUTHOR(S): Sprecher, E.; Becker, Y.

CORPORATE SOURCE: Fac. Med., Hebrew Univ., Jerusalem, 91010, Israel

SOURCE: Arch. Virol. (1990), 110(3-4), 259-69

CODEN: ARVIDF; ISSN: 0304-8608

DOCUMENT TYPE: Journal LANGUAGE: English

AB Macrophages have been shown to play a detg. role in the immune defense against herpes simplex virus-1 (HIV-1) i.p. infection in the mouse. In the present study, the effect of HSV-1 infection on

interleukin-1 .alpha. and .beta. gene

transcription in peritoneal exudate cells was investigated. HSV

-1 infection induced interleukin-1 .alpha. and .

beta. gene transcription in these cells. Induction of the

interleukin-1 .beta. gene initiated 6 h

postinfection (p.i.) and terminated at 48 h p.i. In contrast,

interleukin-1 .alpha. RNA was detectable at high levels

at 6 h p.i. but not at 24 h p.i. Inactivation of virus prior to

infection

prevented HSV-1-induced IL-1 gene induction, indicating that only infectious virus is able to stimulate IL-1 gene transcription.

These

findings are discussed in relation to the role of macrophages in the immunol. mechanisms of defense against HSV-1 infection.

L12 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1994:549085 CAPLUS

DOCUMENT NUMBER: 121:149085

TITLE: Use of leflunomide for the inhibition of interleukin

1.beta.

INVENTOR(S): Weithmann, Klaus Ulrich; Bartlett, Robert Ryder

PATENT ASSIGNEE(S): Hoechst A.-G., Germany SOURCE: Eur. Pat. Appl., 6 pp.

CODEN: EPXXDW

DOCUMENT TYPE:

LANGUAGE:

Patent German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	EP 607775	A2	19940727	EP 1994-100013	19940103
	EP 607775	<b>A</b> 3	19940831		
	EP 607775	B1	19981209		
	R: AT, BE,	CH, DE	, DK, ES, FR,	GB, GR, IE, IT, LI	, LU, MC, NL, PT,
SE					
	AT 174218	E	19981215	AT 1994-100013	19940103
	ES 2124800	<b>T</b> 3	19990216	ES 1994-100013	19940103
	JP 06234635	A2	19940823	JP 1994-425	19940107
	US 5556870	Α	19960917	US 1995-411849	19950328
PRIOF	RITY APPLN. INFO	. :	Γ	E 1993-4300277	19930108
			τ	JS 1994-177960	19940106

AB Leflunomide is useful for treatment of diseases in which interleukin 1.beta. is involved, e.g. septic shock, leukemia, hepatitis, excessive cartilage resorption, HIV or mycobacterial infections, Alzheimer's disease, meningitis, muscular atrophy, thrombosis, arteriosclerosis, hyperlipemia, and degenerative joint disease. Thus, synthesis and release of interleukin 1.beta. by human blood mononuclear cells, induced by lipopolysaccharide from Salmonella abortus-equi, was suppressed by 0.05-0.1 mM leflunomide.